

<b>Search Notes</b>	<b>Application/Control No.</b>	<b>Applicant(s)/Patent Under Reexamination</b>
	10521387	LUTTMANN ET AL.
	<b>Examiner</b>	<b>Art Unit</b>
	MICHAEL L HOBBS	4151

### SEARCHED

<b>Class</b>	<b>Subclass</b>	<b>Date</b>	<b>Examiner</b>
435	293.1,297.2,297.4 (updated search of classes)	06/04/2008	MLH
706	7	11/26/2008	MLH

### SEARCH NOTES

<b>Search Notes</b>	<b>Date</b>	<b>Examiner</b>
EAST: US-PGPub; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	11/26/2007	MLH
Inventor Search in EAST and PALM	11/26/2007	MLH
Assignee Search in EAST and PALM	11/26/2007	MLH
Searched classes 95/261; 96/176,177,178; 210/194; 366/152.1,145.4; 422/209; 435/1.6,41,252.3,254.2,254.3,254.11,255.4,287.1,293.1,295.2,297.2,301. 1,320,1,812; C12M 1/08, 1/34, 11/00; B1J 8/08 - limited by text. Refer to EAST search history.	11/26/2007	MLH
EAST: US-PGPub, USPAT, USOCR, EPO, DERWENT (updated search - refer to search history printout) (updated search - 11/26/2008)	06/04 & 06/05/2008	MLH
435/297.1 (updated search of class limited by text - see search history printout)	06/04/2008	MLH
google search (see search history printout)	06/06/2008	MLH
S/N 10/016,616 (references checked)	11/26/2008	MLH
Updated Search	06/02/2009	MLH
Updated Search	10/19/2009	MLH
435/ bioreactor (consulted with Nathan Bowers)	10/19/2009	MLH
210/194, 282 (searched classes limited by text - see search history printout)	10/19/2009	MLH
435/286.1, 803 (cursorary search of classes)	10/19/2009	MLH
Updated Search	04/23/2010	MLH

### INTERFERENCE SEARCH

<b>Class</b>	<b>Subclass</b>	<b>Date</b>	<b>Examiner</b>